

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072225\
 Data File : VL042732.D
 Acq On : 22 Jul 2025 15:41
 Operator : SY/MD
 Sample : VL0722ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0722ABL01

Quant Time: Jul 23 03:02:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jul 23 02:51:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.790	49	99924	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	300308	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	270398	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	221143	10.119	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.200%

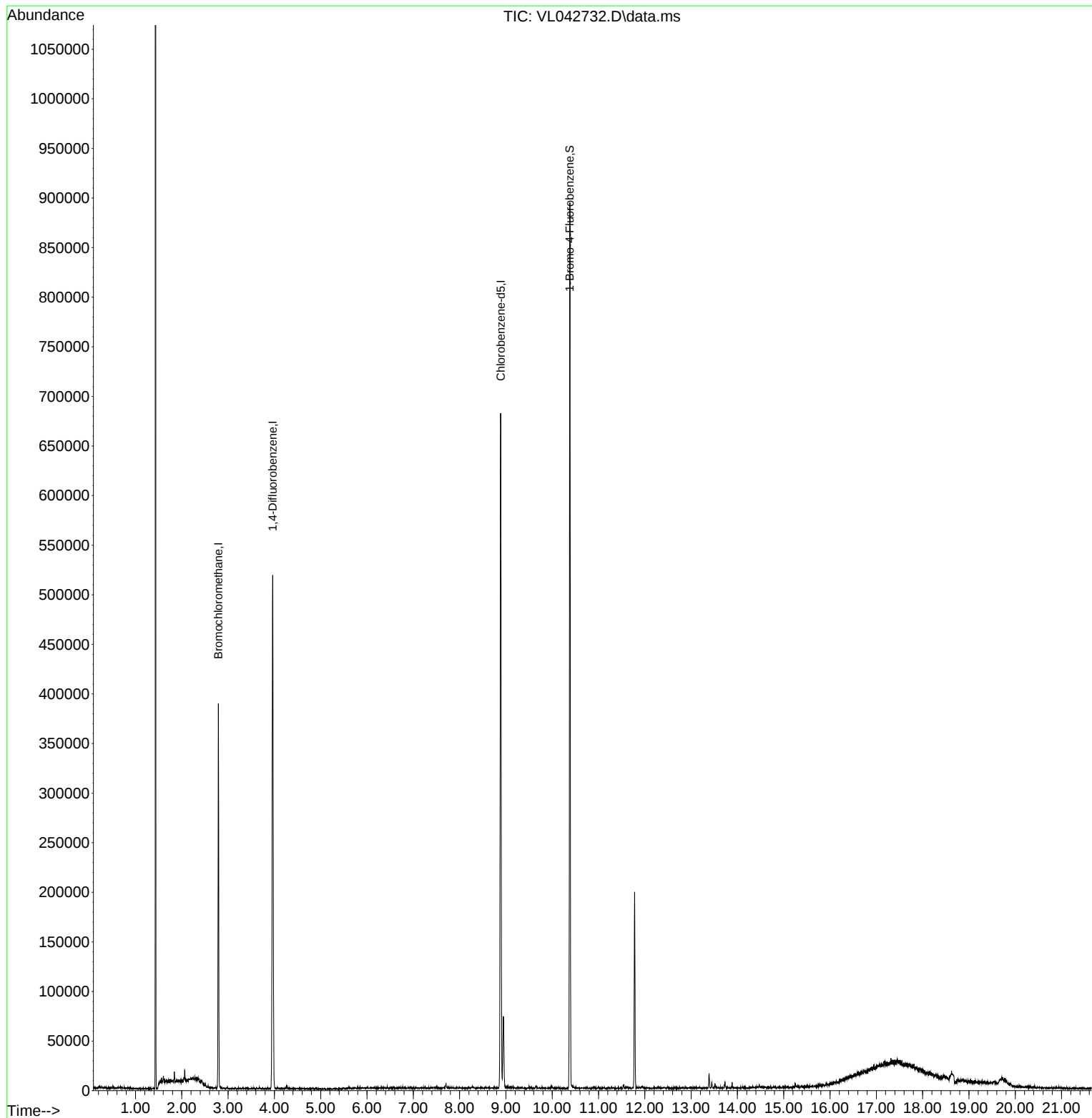
Target Compounds	Qvalue

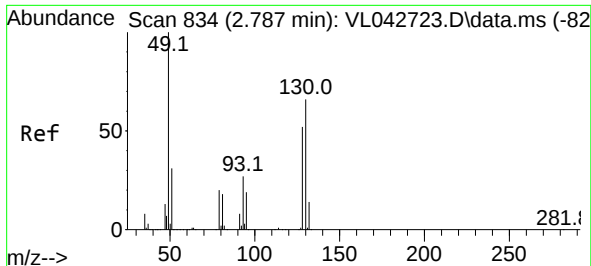
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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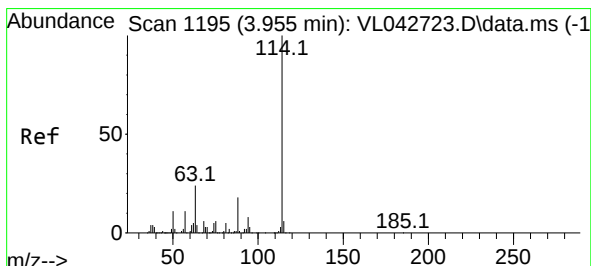
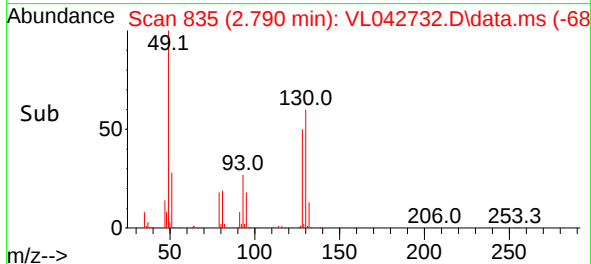
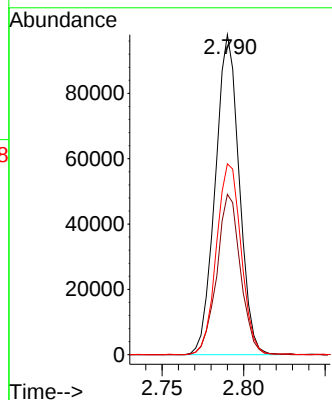
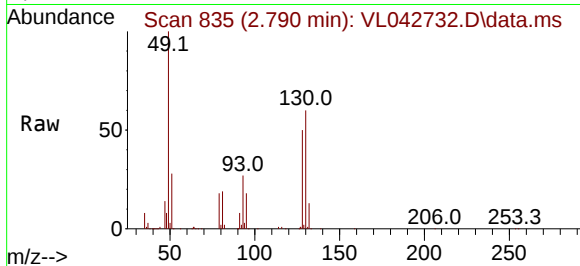




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042732.D
Acq: 22 Jul 2025 15:41

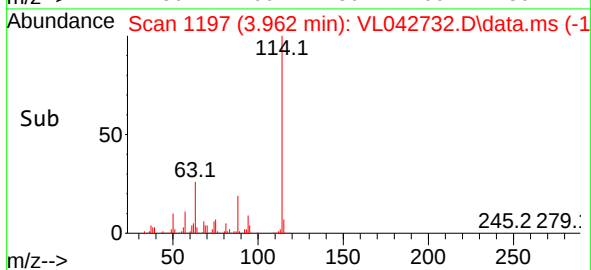
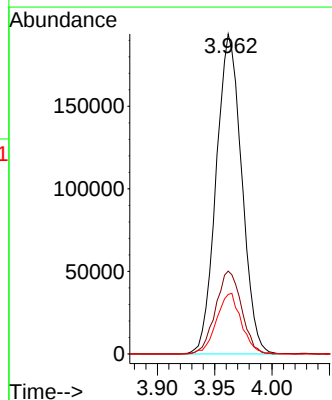
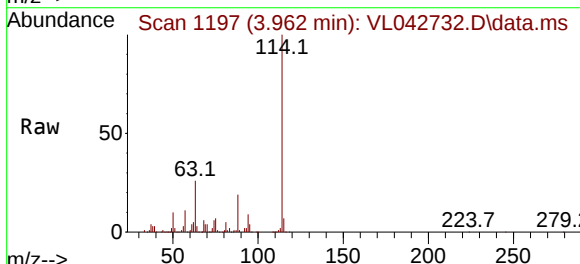
Instrument :
MSVOA_L
ClientSampleId :
VL0722ABL01

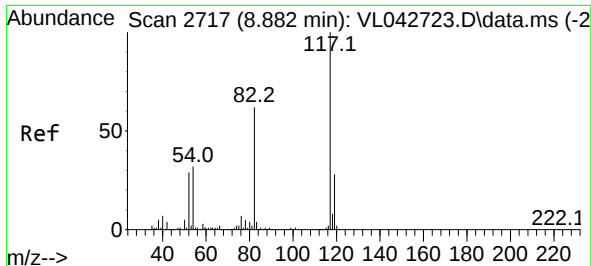
Tgt Ion: 49 Resp: 99924
Ion Ratio Lower Upper
49 100
128 49.6 24.5 73.5
130 61.8 31.7 95.1



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. 0.006 min
Lab File: VL042732.D
Acq: 22 Jul 2025 15:41

Tgt Ion: 114 Resp: 300308
Ion Ratio Lower Upper
114 100
63 26.4 20.4 30.6
88 18.5 14.5 21.7

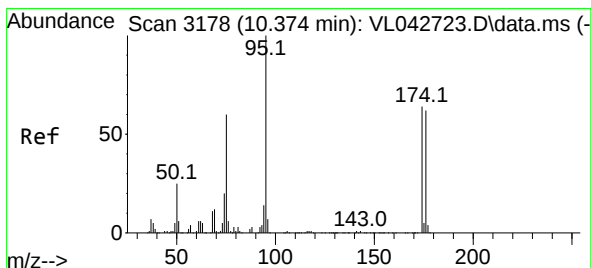
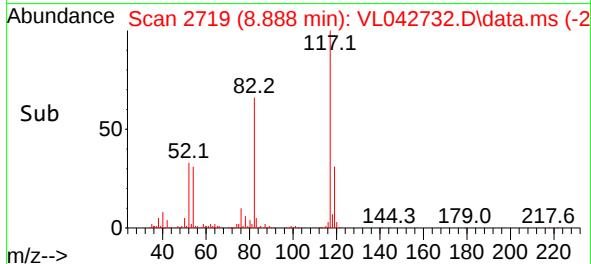
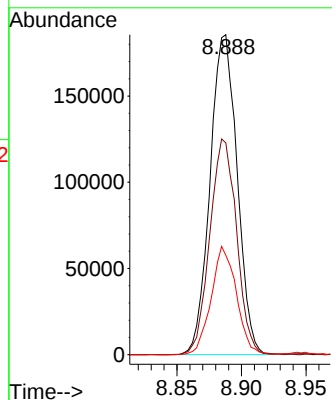
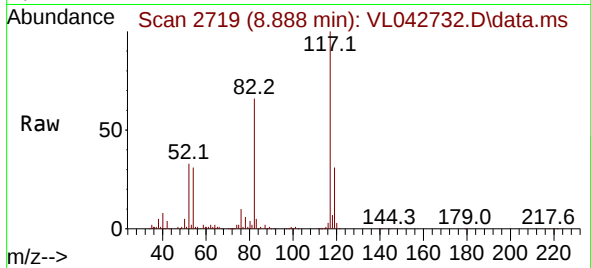




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL042732.D
Acq: 22 Jul 2025 15:41

Instrument :
MSVOA_L
ClientSampleId :
VL0722ABL01

Tgt Ion:117 Resp: 270398
Ion Ratio Lower Upper
117 100
82 66.9 54.6 81.8
119 31.6 25.3 37.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.119 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. 0.006 min
Lab File: VL042732.D
Acq: 22 Jul 2025 15:41

Tgt Ion: 95 Resp: 221143
Ion Ratio Lower Upper
95 100
174 63.5 51.4 77.2
175 4.8 4.2 6.4

